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This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

Claim 1. (currently amended) ~~A remotely controlled and monitored spa, comprising:~~

- ~~A) a spa controller,~~
  - ~~B) an interface signal converter, electrically connected to said spa controller, and~~
  - ~~C) a remote computer connected to said interface signal converter via a communications link and programmed to display a control page comprising information related to the control and status of said remotely controlled and monitored spa;~~
- ~~wherein said interface signal converter converts communication signals transferred from said remote computer via said communications link and directs the converted signals to said spa controller, and wherein said interface signal converter converts signals from said spa controller to be communicated to said remote computer via said communications link.~~

A spa network comprising:

A) plurality of remotely controlled and monitored spas, each said spa comprising:

- 1. a spa controller,
- 2. an interface signal converter, electrically connected to said spa controller, and

B) a remote computer connected to each of said interface signal converter via a communications link,

wherein each of said interface signal converters converts communication signals transferred from said remote computer via said communications link and directs the converted signals to an associated spa controller, and wherein each of said interface signal converters converts signals from said associated spa controller to be communicated to said remote computer via said communications link, wherein each of said plurality of remotely controlled and monitored spas is in control communication with said remote computer via said communications link.

- Claim 2. (currently amended) The spa network as in Claim 1, wherein said interface signal converter comprises an RS transceiver.
- Claim 3. (currently amended) The spa network as in Claim 2, wherein said RS transceiver is an RS-485 transceiver.
- Claim 4. (currently amended) The spa network as in Claim 1, wherein said interface signal converter comprises an IR transceiver.
- Claim 5. (currently amended) The spa network as in Claim 1, wherein said interface signal converter comprises an RF transceiver.
- Claim 6. (currently amended) The spa network as in Claim 1, wherein said interface signal converter is capable of transceiving at least two different types of communication signals.
- Claim 7. (currently amended) The spa network as in Claim 1, wherein said communication signals are an RS differential signal and an IR signal.
- Claim 8. (currently amended) The spa network as in Claim 1, wherein said interface signal converter is removably attached to said spa controller.
- Claim 9. (currently amended) The spa network as in Claim 8, wherein said spa controller defines a cavity, wherein said interface signal converter is removably attached to said spa controller via said cavity.
- Claim 10. (currently amended) The spa network as in Claim 1, wherein said interface signal converter is rigidly attached to said spa controller.

Claim 11. (currently amended) The spa network as in Claim 1, wherein said remote computer is connected to said interface signal converter via a communications wire.

Claim 12. (currently amended) The spa network as in Claim 1, wherein said communications link is a wireless communications link.

Claim 13. (currently amended) The spa network as in Claim 1, further comprising a second remote computer for sending commands to said spa controller and receiving data from said spa controller, wherein said second remote computer is connected to said spa controller via a computer network.

Claim 14. (currently amended) The spa network as in Claim 13, wherein said computer network is the Internet.

Claim 15. (currently amended) The spa network as in Claim 1, wherein said communications link is the Internet.

Claim 16. (currently amended) The spa network as in Claim 1, wherein said control page displays symbols arranged to facilitate:

- A) control of at least one water pump, and
- B) control of at least one heater.

Claim 17. (currently amended) The spa network The spa as in Claim 1, wherein said control page comprises symbols for monitoring spa errors.

Claim 18. (currently amended) The spa network as in Claim 1, wherein said control page comprises:

- A) symbols for configuring at least one water pump, and
- B) symbols for configuring at least one heater.

Claim 19. (currently amended) The spa network as in Claim 1, wherein said control page comprises symbols for setting the temperature inside said spa.

Claim 20. (cancelled)

Claim 21. (currently amended) The spa network as in Claim 1, wherein said communications link comprises a computer network.

Claim 22. (currently amended) The spa network as in Claim 21, wherein said computer network is the Internet.

Claim 23. (currently amended) The spa network as in Claim 21, wherein said computer network is a LAN.

Claim 24. (currently amended) The spa network The spa as in Claim 1, wherein said remote computer is a PDA.

Claim 25. (currently amended) The spa network The spa as in Claim 1, wherein said remote computer is a cellular phone.

Claim 26. (currently amended) The spa network as in Claim 1, further comprising a spa skirt wherein said remote computer is located underneath said spa skirt.

Claim 27. (currently amended) The spa network as in Claim 26, wherein said remote computer is connected to a computer network.

Claim 28. (currently amended) The spa network as in Claim 1, wherein said remote computer is used to is used to monitor and control the spa.

Claim 29. (currently amended) The spa network as in Claim 1, wherein said remote computer is used to download software to said spa controller.

Claim 30. (currently amended) ~~A remotely controlled and monitored spa, comprising:~~

- ~~A) a spa controller means,~~
- ~~B) an interface signal converter means, electrically connected to said spa controller means, and~~
- ~~C) a remote computer means connected to said interface signal converter means via a communications link, wherein said remote computer means is programmed to display a control page comprising information related to the control and status of said remotely controlled and monitored spa,~~

~~wherein said interface signal converter means converts communication signals transferred from said remote computer means via said communications link, and wherein said interface signal converter means converts signals from said spa controller means to be communicated to said remote computer means via said communications link.~~

A spa network comprising:

- C) plurality of remotely controlled and monitored spas, each said spa comprising:
  - 3. a spa controller means,
  - 4. an interface signal converter means, electrically connected to said spa controller means, and

- D) a remote computer means connected to each of said interface signal converter means via a communications link,

wherein each of said interface signal converter means converts communication signals transferred from said remote computer means via said communications link and directs the converted signals to an associated spa controller means, and wherein each of said interface signal converter means converts signals from said associated spa controller means to be communicated to said remote computer means via said communications link, wherein each of said plurality of remotely controlled and monitored spas is in control communication with said remote computer means via said communications link.

Claims 31 – 93. (cancelled)

Claim 94. (currently amended) A remotely controlled and monitored spa, comprising:

- A) a spa controller,
- B) a remote computer,
- C) an interface signal converter, electrically connected between said remote computer and said spa controller, wherein said interface signal converter comprises:
  - i. a first interface for receiving signals over a first type of link;
  - ii. a second interface for receiving signals over a second type of link;
  - iii. a first serial line for transmitting signals received over said first type of link;
  - iv. a second serial line for transmitting signals received over said second type of link;
  - v. a processing unit adapted for:
    - 1. selecting one of said first interface and said second interface on the basis of ~~an input selection signal~~ a signal received on said first serial line or said second serial line;
    - 2. processing signals received at the selected one of said first interface and said second interface to derive converted signals, said converted signals being compatible with said spa controller,
  - vi. a third interface for directing said converted signals to said spa controller.

Claim 95. (cancelled)

Claim 96. (currently amended) The spa as in Claim 94 ~~Claim 95~~, wherein the first type of link is a wireless link.

Claim 97. (previously presented) The spa as in Claim 96, wherein said wireless link is an infra-red link.

Claim 98. (previously presented) The spa as in Claim 96, wherein said wireless link is a radio-frequency (RF) link.

Claim 99. (currently amended) The spa as in Claim 94 ~~Claim 96~~, wherein the second type of link is a wire-line link.

Claim 100. (currently amended) The spa as in Claim 94 ~~Claim 99~~, wherein the first type of link is an IR link and the second type of link is a serial link.

Claims 101 – 138. (Cancelled)

Claim 139. (currently amended) A spa network comprising:

A) plurality of disparately located remotely controlled and monitored spas, each of said spas comprising:

1. a spa controller,
2. an interface signal converter, electrically connected to said spa controller, and

B) a remote computer connected to each of said interface signal converter via a communications link, wherein said remote computer is programmed to display a control page,

wherein each of said interface signal converters converts communication signals transferred from said remote computer via said communications link and directs the converted signals to an associated spa controller, and wherein each of said interface signal converters converts signals from said associated spa controller to be communicated to said remote computer via said communications link, wherein each of said plurality of remotely controlled and monitored spas is in control communication with said remote computer via said communications link.



Claim 140. (currently amended) The spa network plurality of remotely controlled and monitored spas as in Claim 139, wherein said ~~remote computer is located at facilities of a spa dealer.~~ remote computer is a spa dealer computer.

Claim 141. (cancelled)

Claim 142. (cancelled)

Claim 143. (cancelled)

Claim 144. (currently amended) A method for remotely controlling and monitoring a plurality of spas comprising the steps of:

A) utilizing a remote computer to establish a communications link with said plurality of spas spa, wherein each said spa comprises:

1. a spa controller,
2. an interface signal converter, electrically connected to said spa controller,

B) transmitting operating instructions to said plurality of spas spa via said communications link,

wherein said interface signal converter converts communication signals transferred from said remote computer via said communications link and directs the converted signals to said spa controller, and wherein said interface signal converter converts signals from said spa controller to be communicated to said remote computer via said communications link.

Claim 145. (currently amended) A method for programming a plurality of spas spa comprising the steps of:

A) utilizing a remote computer to establish a communications link with said plurality of spas spa, wherein each said spa comprises:

1. a spa controller,
2. an interface signal converter, electrically connected to said spa controller,

B) transmitting programming instructions to said plurality of spas via said communications link, and

wherein said interface signal converter converts communication signals transferred from said remote computer via said communications link and directs the converted signals to said spa controller, and wherein said interface signal converter converts signals from said spa controller to be communicated to said remote computer via said communications link.

Claim 146. (new) A spa network comprising:

A) plurality of spa owner computers, wherein each said spa owner computer is in communication control with a remotely controlled and monitored spa, each said spa comprising:

1. a spa controller,
2. an interface signal converter, electrically connected to said spa controller, and

B) a remote computer connected to each of said interface signal converter via a communications link, wherein said remote computer is programmed to display a control page,

wherein each of said interface signal converters converts communication signals transferred from said remote computer via said communications link and directs the converted signals to an associated spa controller, and wherein each of said interface signal converters converts signals from said associated spa controller to be communicated to said remote computer via said communications link, wherein each of said plurality of remotely controlled and monitored spas is in control communication with said remote computer via said communications link.

Claim 147. (new) The spa network as in Claim 146, wherein said remote computer is a spa dealer computer.

Claim 148. (new) The spa network as in Claim 146, wherein data reporting the status of at least one of said spas is automatically transmitted to its associated spa owner computer in accordance with a programmed time interval.

Claim 149. (new) The spa network as in Claim 147, wherein data reporting the status of at least one of said spas is automatically transmitted to said spa dealer computer in accordance with a programmed time interval.

Claim 150. (new) The spa network as in Claim 146, wherein a software update is downloaded from said remote computer to said spa controllers via said plurality of spa owner computers.

Claim 151. (new) The spa network as in Claim 1, wherein said remote computer is a spa dealer computer.

Claim 152. (new) The spa network as in Claim 1, wherein data reporting the status of at least one of said spas is automatically transmitted to its associated spa owner computer in accordance with a programmed time interval.

Claim 153. (new) The spa network as in Claim 151, wherein data reporting the status of at least one of said spas is automatically transmitted to said spa dealer computer in accordance with a programmed time interval.

Claim 154. (new) The spa network as in Claim 1, wherein a software update is downloaded from said remote computer to said spa controllers.